

AMENDMENTS TO THE CLAIMS

1 (Currently amended). A prosthetic implant for a bone structure, the implant comprising:
a base including a plurality of stems adapted to engage a complementary plurality of voids
created in the bone structure, each stem having an exterior peripherally surrounding an interior
lumen, and

a cap including a bearing surface[,] and including a plurality of pins depending from the cap
from a surface that faces away from the bearing surface, the arrangement of the pins being
complementary to the arrangement of the stems so that alignment of the pins with the stems aligns
the base with the cap to permit concurrent engagement of the pins with the interior lumens of the
respective stems to concurrently expand the respective exteriors of the stems without rotation of the
pins within the stems.

2 (Previously presented). An implant according to claim 1

wherein the stem is adapted to expand within the bone to compress surrounding bone
structure, thereby securing the base to the bone structure.

3-5 (Canceled).

6 (Previously presented). An implant according to claim 1

wherein the cap and base include nesting surfaces that rest together when the base is coupled
to the cap.

7 (Canceled).

8 (Previously presented). A method of mounting a prosthesis in a bone structure comprising
the steps of:

providing a prosthetic implant that includes a base having at least one expandable stem
having an exterior peripherally surrounding an interior lumen,

locating the implant on the bone structure by placing the stem into a void formed in the
bone structure, and

securing the implant by inserting a pin in the interior lumen of the stem to expand the
exterior of the stem within the surrounding bone structure,

wherein the bone structure comprises a glenoid cavity of a shoulder joint.

9 (Original). A method according to claim 8,
wherein, prior to the securing step, the pin is releasably coupled to an insertion tool,
wherein, during the securing step, the insertion tool is manipulated to insert the pin into the
stem, and

wherein, after the securing step, the pin is released from the insertion tool.

10-14 (Canceled).

15 (New). A prosthetic implant for a bone structure, the implant comprising:
a base including a plurality of stems arranged in a triangular configuration and adapted to
engage a complementary plurality of voids created in the bone structure, each stem having an
exterior peripherally surrounding an interior lumen, and

a cap including a bearing surface and including a plurality of pins depending from the cap
from a surface that faces away from the bearing surface, the pins being arranged in a triangular
configuration complementary to the arrangement of the stems and adapted to fit into the interior
lumens of the respective stems to concurrently expand the respective exteriors of the stems.